

Converting Colors

$Yxy(30.4989, 0.3238, 0.2684)$

Have a look what the booklet for
Yxy(30.4989, 0.3238, 0.2684)
contains.

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Color

Yxy(30.4688, 0.3231, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	BA85B3
RGB	186, 133, 179
RGB Percent	73%, 52%, 70%
CMY	0.2705, 0.4784, 0.2982
CMYK	0.00, 0.29, 0.04, 0.27
HSL	308°, 28%, 63%
HSV	308°, 29%, 73%
XYZ	36.7743, 30.4688, 46.5739
YIQ	154.0910, 16.8220, 25.5420

Conversions

Conversions Part 2

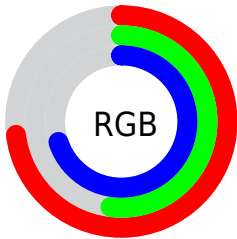
Format	Color
R_{YB}	186, 133, 179
Decimal	12223923
CIE _{Lab}	62.06, 27.89, -16.11
CIE _{LCh}	62, 32.207, 329.983
Yxy	30.4688, 0.3231, 0.2677
Android (android.graphics.Color)	4290414003 (0xFFBA85B3)
YUV	154.0910, 12.2801, 27.9842
Hunter-Lab	55.1986, 22.3224, -11.3871

Details

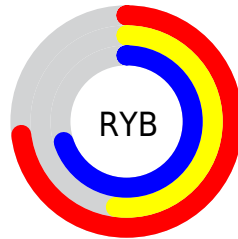
The Yxy color $30.4688, 0.3231, 0.2677$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $42.0067, 0.3038, 0.3992$, and the grayscale version is $32.2971, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.5935, 0.3214, 0.2793$, and $12.5984, 0.3257, 0.2506$ is the 20% darker color. If you saturate the color by 10%, you get $25.7205, 0.3276, 0.2463$, and if you desaturate by 10%, it is $36.1235, 0.3191, 0.2896$.

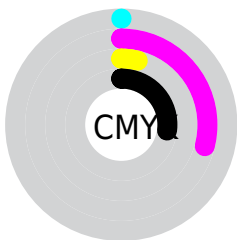
Distribution



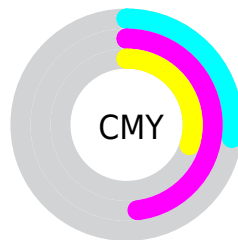
- Red (73%)
- Green (52%)
- Blue (70%)



- Red (73%)
- Yellow (52%)
- Blue (70%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (27%)





- Cyan (27%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4688, 0.3231, 0.2677 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.4688, 0.3231, 0.2677 by changing the saturation by 10% instead.


 30.4688, 0.3231,
0.2677


 30.4688, 0.3231,
0.2677


304.0836, 0.3182,
0.2989

 20.1947, 0.3242,
0.2597


 60.4028, 0.3214,
0.2792

 12.5366, 0.3255,
0.2495

 80.8314, 0.3207,
0.2834

 7.1103, 0.3271,
0.2356

 105.4137, 0.3202,
0.2870

 3.5312, 0.3291,
0.2162

134.5340, 0.3197,
0.2901

 1.4149, 0.3310,
0.1869

168.5768, 0.3192,
0.2928

 0.2277, 0.3508,
0.0889

207.9264, 0.3189,

 0.0000, 0.0000,

0.2951

0.0000

252.9672, 0.3185,
0.2971

■ 30.4688, 0.3231,
0.2677

■ 30.4688, 0.3231,
0.2677

■ 25.7205, 0.3276,
0.2463

■ 36.1235, 0.3191,
0.2896

■ 21.8271, 0.3323,
0.2263

■ 42.7247, 0.3154,
0.3112

■ 18.7378, 0.3374,
0.2085

■ 50.3150, 0.3123,
0.3321

■ 16.3952, 0.3425,
0.1939

■ 58.9331, 0.3095,
0.3519

■ 14.7338, 0.3475,
0.1832

■ 68.6158, 0.3071,
0.3704

■ 13.6772, 0.3524,
0.1769

■ 79.3978, 0.3051,
0.3876

■ 13.0983, 0.3569,
0.1746

■ 85.9596, 0.3035,
0.3953

■ 13.0246, 0.3576,
0.1744

■ 86.0733, 0.3022,
0.3924

■ 86.1890, 0.3009,
0.3895

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.4688, 0.2727, 0.2494



30.4688, 0.3231, 0.2677



30.4688, 0.3744, 0.2995

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.4688, 0.3231, 0.2677



30.4688, 0.3912, 0.4116



30.4688, 0.2248, 0.3066

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.4688, 0.3231, 0.2677



42.0067, 0.3038, 0.3992

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.4688, 0.2518, 0.3582



30.4688, 0.3231, 0.2677



30.4688, 0.3472, 0.4232

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.4688, 0.3231, 0.2677



30.4688, 0.4149, 0.3793



30.4688, 0.2961, 0.4039



30.4688, 0.2196, 0.2677

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.4688, 0.3231, 0.2677



30.4688, 0.4004, 0.3253



30.4688, 0.2961, 0.4039



30.4688, 0.2315, 0.3231

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.4702, 0.3231, 0.2677



76.5959, 0.3157, 0.3098



25.8264, 0.2693, 0.2490



16.4614, 0.3162, 0.3067



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4702, 0.3231, 0.2677



49.8098, 0.3258, 0.2546



29.5274, 0.3508, 0.3010



9.1416, 0.3157, 0.3094



8.7687, 0.3571, 0.1741



0.3149, 0.3465, 0.1682

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.4702, 0.3231, 0.2677



49.8098, 0.3258, 0.2546



42.8537, 0.2856, 0.3591



9.1416, 0.3157, 0.3094



8.7687, 0.3571, 0.1741



0.3149, 0.3465, 0.1682

Previews

White Background



This preview shows how the Yxy color 30.4688, 0.3231, 0.2677 looks on a white background.

Color Contrast Check

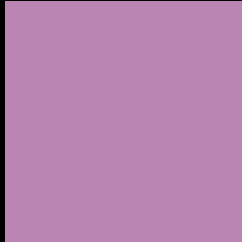
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.4688, 0.3231, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

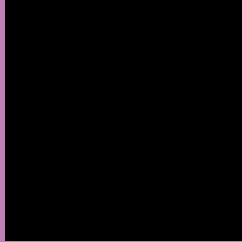
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4688, 0.3231, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 30.4688, 0.3231, 0.2677.



This preview shows how white text looks on a background with the Yxy color 30.4688, 0.3231, 0.2677.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.4688, 0.3231, 0.2677

Protanopia

30.7880, 0.2691, 0.2685

Deuteranopia

30.6774, 0.2911, 0.2860



Tritanopia

30.5802, 0.3497, 0.3150

Trichromacy



Original Color

30.4688, 0.3231, 0.2677

Protanomaly

30.3582, 0.2870, 0.2674

Deuteranomaly

30.4128, 0.3018, 0.2789

Tritanomaly

30.4967, 0.3393, 0.2972

Monochromacy



Original Color

30.4688, 0.3231, 0.2677

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.3091, 0.3170, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4688, 0.3231, 0.2677 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 133, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 133, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 133, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 133, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.4688, 0.3231, 0.2677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

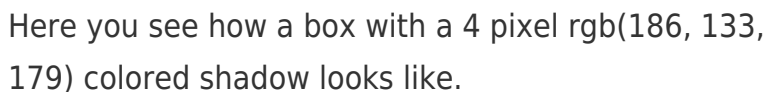
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 133, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 133, 179) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(186, 133, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 133, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 133, 179); box-shadow:4px 4px 4px 4px rgb(186, 133, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4688, 0.3231, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 133, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
133, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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